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REVIEWS

Harshberger's Mycology and Plant Pathology*

The author has compiled a lot of undoubtedly useful information and therefor deserves our sincere thanks. He has, however, undertaken a difficult, if not, indeed, impossible task in trying to combine successfully under one cover the subjects of mycology and plant pathology. Perhaps, however, the experiment has been worth while if only for the value of the encyclopedic compilation, notwithstanding the fragmentary treatment of some of the subjects.

The style is unfortunately at times rather involved and obscure; commas are often used wrongly or else omitted where necessary to make the meaning clear. The ending "*ic*" is used fairly consistently throughout the book; sounding rather poetic in such words as "chemic," "technic," "the mycologic student." But *chemical*, *physical*, *typical*, *spherical* have occasionally slipped by, along with some careless proofreading, such for instance as the failure to transfer pp. 324 and 325 to the end of Chapter XXIV and the inverted figure on page 229. "Funguses" is rather unusual; and the interpretation of "geographic distribution of fungi" as a study of "*habitats*" is somewhat strained." Strict adherence to the Engler-Gilg syllabus and disregard of recent researches, in particular certain American ones, has made his treatment seem rather archaic in places.

E. W. OLIVE

Hesler and Whetzel's Manual of Fruit Diseases†

This manual is the first of a series, each to deal with a related group of diseases, which is promised from the department of plant pathology of Cornell University. It deals only with the diseases of certain important northern fruits: apple, apricot, blackberry, cherry, cranberry, currant, gooseberry, grape, peach,

* Harshberger, John W., A Text-book of Mycology and Plant Pathology. Pp. xiii + 779. 270 figures. Philadelphia, P. Blakiston's Son & Co., 1917. Price \$3.00.

† Hesler, Lex R., and Whetzel, Herbert Hice, Manual of Fruit Diseases. Pp. xx + 462; 126 figures. New York, The Macmillan Co., 1917. Price \$2.00 postpaid.

pear, plum, quince, raspberry, and strawberry. Under the treatment of each disease is discussed certain generalities as to its distribution, relative importance, etc., then in order the symptoms which it induces, its cause and control. Some very fine photographs illustrate the book and copious references also add greatly to its value, not alone to the plant pathologist, but also to the progressive fruit growers of the country.

E. W. OLIVE

Laboratory Outlines in Plant Pathology*

While the authors specifically state that these outlines are designed primarily for their own classes in Cornell University, there is no doubt but that they may be used to good advantage wherever plant pathology is taught. The book is especially welcome as showing to other teachers the methods in such successful use in what is perhaps the most successful laboratory of plant pathology in the world. It is also noteworthy as showing the first extensive abandonment of the systematic arrangement of the plant diseases treated; for here they are grouped on the basis of the pathological phenomena exhibited. The sixty diseases which are treated in considerable detail, each from the standpoint of symptoms and etiology, are grouped in three large classes: the Necrotic, Hypoplastic, and Metaplastic diseases. In an appendix are suggestions concerning term-papers, a list of subjects for such term-papers, and a glossary with a full explanation of terms used.

E. W. OLIVE

PROCEEDINGS OF THE CLUB

MAY 8, 1917

The meeting was held in the American Museum of Natural History in connection with the New York Academy of Sciences Centenary. President Richards called the meeting to order at 8:20 P.M. There were 51 persons present.

The transaction of business was dispensed with.

* Whetzel, H. H., Hesler, Lex R., Gregory, Chas. T., and Rankin, W. Howard, *Laboratory Outlines in Plant Pathology*. Pp. 207. Published by the authors, Cornell Cooperative Society, Ithaca, N. Y., 1916. Price, \$1.25.